

16510/635355 PTO
08/06/C3

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.52(b))

Attorney Docket No.	22350/19
First Inventor	Bris Y khin
Title	XRR Detector Readout Processing
Express Mail Label No.	EW 225 775 027 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 46]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 9]
5. Oath or Declaration [Total Sheets]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Reader Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

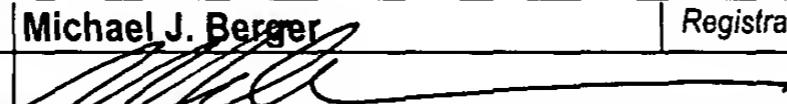
9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Cover letter
17. Other: Check for \$417.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No. 10/300,504.....

Prior application information: Examiner Craig Church Art Unit: 2882
 For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

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Address	<u>c/o Amster, Rothstein & Ebenstein</u>				
City	<u>New York</u>	State	<u>NY</u>	Zip Code	<u>10016</u>
Country	<u>USA</u>	Telephone	<u>212-336-8000</u>		Fax <u>212-336-8001</u>
Name (Print/Type)	<u>Michael J. Berger</u>	Registration No. (Attorney/Agent)	<u>25,829</u>		
Signature				Date	<u>8/6/03</u>

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JESSE ROTHSTEIN (1934-2003)

DANIEL S. EBENSTEIN

PHILIP H. GOTTFRIED

MICHAEL J. BERGER

NEIL M. ZIPKIN

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RONALD E. GEORGE

ABRAHAM KASDAN, PH.D.

IRA E. SILFIN

CHESTER ROTHSTEIN

CRAIG J. ARNOLD

SENIOR COUNSEL

CHARLES R. MACEDO

MARK J. ROSENBERG

KENNETH M. BERNSTEIN

OF COUNSEL

JERRY D. DAINOW

ATTORNEYS AT LAW

PATENTS • TRADEMARKS • COPYRIGHTS

90 PARK AVENUE

NEW YORK, NEW YORK 10016

TELEPHONE: (212) 697-5995

FACSIMILE: (212) 286-0854

NEAL L. ROSENBERG

DENISE A. LINDENAUER

NANCY M. DODDERIDGE

PATRICK BOLAND*

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REIKO KAJI

ALAN MILLER, PH.D.

* NOT ADMITTED IN NEW YORK

August 6, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
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"Express Mail" mailing label No. EV 335 775 937 US

Date of Deposit: August 6, 2003

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Name: Deborah J. Neal

Signature: Deborah J. Neal

Re: New U.S. Patent Application
Divisional of Application No. 10/300,504 (our ref: 22350/19)
Title: XRR DETECTOR READOUT PROCESSING
Our File: 22350/20

Dear Sir:

Enclosed please find:

1. Fee Transmittal
2. Utility Patent Application Transmittal
3. Preliminary Amendment
4. Specification (45 pages)
5. Drawing (9 sheets); Abstract (1 page)
6. A check in the amount of \$417.00
7. Self-addressed return postcard

Please also acknowledge receipt of the enclosed documents by stamping the enclosed postcard and returning same to us.

Commissioner for Patents

-2-

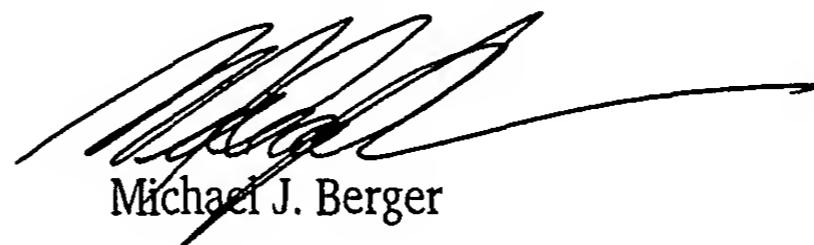
August 6, 2003

Please charge any outstanding amount or credit of any overpayment to
Deposit Account No. 01-1785.

A duplicate copy of this letter is enclosed.

Very truly yours,

AMSTER ROTHSTEIN & EBENSTEIN



A handwritten signature in black ink, appearing to read "Michael J. Berger".

Michael J. Berger

KJK/di

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ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Large Entity</th> <th style="width: 15%;">Small Entity</th> <th colspan="3"></th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051 65 Surcharge - late filing fee or oath</td> <td colspan="2"></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052 25 Surcharge - late provisional filing fee or cover sheet</td> <td colspan="2"></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053 130 Non-English specification</td> <td colspan="2"></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812 2,520 For filing a request for <i>ex parte</i> reexamination</td> <td colspan="2"></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804 920* Requesting publication of SIR prior to Examiner action</td> <td colspan="2"></td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805 1,840* Requesting publication of SIR after Examiner action</td> <td colspan="2"></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251 55 Extension for reply within first month</td> <td colspan="2"></td> </tr> <tr> <td>1252</td> <td>410</td> <td>2252 205 Extension for reply within second month</td> <td colspan="2"></td> </tr> <tr> <td>1253</td> <td>930</td> <td>2253 465 Extension for reply within third month</td> <td colspan="2"></td> </tr> <tr> <td>1254</td> <td>1,450</td> <td>2254 725 Extension for reply within fourth month</td> <td colspan="2"></td> </tr> <tr> <td>1255</td> <td>1,970</td> <td>2255 985 Extension for reply within fifth month</td> <td colspan="2"></td> </tr> <tr> <td>1401</td> <td>320</td> <td>2401 160 Notice of Appeal</td> <td colspan="2"></td> </tr> <tr> <td>1402</td> <td>320</td> <td>2402 160 Filing a brief in support of an appeal</td> <td colspan="2"></td> </tr> <tr> <td>1403</td> <td>280</td> <td>2403 140 Request for oral hearing</td> <td colspan="2"></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451 1,510 Petition to institute a public use proceeding</td> <td colspan="2"></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452 55 Petition to revive - unavoidable</td> <td colspan="2"></td> </tr> <tr> <td>1453</td> <td>1,300</td> <td>2453 650 Petition to revive - unintentional</td> <td colspan="2"></td> </tr> <tr> <td>1501</td> <td>1,300</td> <td>2501 650 Utility issue fee (or reissue)</td> <td colspan="2"></td> </tr> <tr> <td>1502</td> <td>470</td> <td>2502 235 Design issue fee</td> <td colspan="2"></td> </tr> <tr> <td>1503</td> <td>630</td> <td>2503 315 Plant issue fee</td> <td colspan="2"></td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460 130 Petitions to the Commissioner</td> <td colspan="2"></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807 50 Processing fee under 37 CFR 1.17(q)</td> <td colspan="2"></td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806 180 Submission of Information Disclosure Stmt</td> <td colspan="2"></td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021 40 Recording each patent assignment per property (times number of properties)</td> <td colspan="2"></td> </tr> <tr> <td>1809</td> <td>750</td> <td>2809 375 Filing a submission after final rejection (37 CFR 1.129(a))</td> <td colspan="2"></td> </tr> <tr> <td>1810</td> <td>750</td> <td>2810 375 For each additional invention to be examined (37 CFR 1.129(b))</td> <td colspan="2"></td> </tr> <tr> <td>1801</td> <td>750</td> <td>2801 375 Request for Continued Examination (RCE)</td> <td colspan="2"></td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802 900 Request for expedited examination of a design application</td> <td colspan="2"></td> </tr> <tr> <td colspan="4" style="text-align: center; padding: 5px;"> Other fee (specify) _____ </td> <td style="padding: 5px;"></td> </tr> <tr> <td colspan="4" style="text-align: center; padding: 5px;"> *Reduced by Basic Filing Fee Paid </td> <td style="padding: 5px;"> SUBTOTAL (3) (\$) </td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;"> SUBMITTED BY </td> <td colspan="3" style="text-align: center; padding: 5px;"> (Complete if applicable) </td> </tr> <tr> <td style="width: 25%;">Name (Print/Type)</td> <td style="width: 40%;">Michael J. Berger</td> <td style="width: 15%;">Registration No.</td> <td style="width: 15%;">25,829</td> <td style="width: 15%;">Telephone 212-336-8000</td> </tr> <tr> <td>Signature</td> <td colspan="2">  </td> <td>Date</td> <td>8/6/03</td> </tr> </tbody></table>		Large Entity	Small Entity				Fee Code (\$)	Fee Code (\$)	Fee Description			1051	130	2051 65 Surcharge - late filing fee or oath			1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet			1053	130	1053 130 Non-English specification			1812	2,520	1812 2,520 For filing a request for <i>ex parte</i> reexamination			1804	920*	1804 920* Requesting publication of SIR prior to Examiner action			1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action			1251	110	2251 55 Extension for reply within first month			1252	410	2252 205 Extension for reply within second month			1253	930	2253 465 Extension for reply within third month			1254	1,450	2254 725 Extension for reply within fourth month			1255	1,970	2255 985 Extension for reply within fifth month			1401	320	2401 160 Notice of Appeal			1402	320	2402 160 Filing a brief in support of an appeal			1403	280	2403 140 Request for oral hearing			1451	1,510	1451 1,510 Petition to institute a public use proceeding			1452	110	2452 55 Petition to revive - unavoidable			1453	1,300	2453 650 Petition to revive - unintentional			1501	1,300	2501 650 Utility issue fee (or reissue)			1502	470	2502 235 Design issue fee			1503	630	2503 315 Plant issue fee			1460	130	1460 130 Petitions to the Commissioner			1807	50	1807 50 Processing fee under 37 CFR 1.17(q)			1806	180	1806 180 Submission of Information Disclosure Stmt			8021	40	8021 40 Recording each patent assignment per property (times number of properties)			1809	750	2809 375 Filing a submission after final rejection (37 CFR 1.129(a))			1810	750	2810 375 For each additional invention to be examined (37 CFR 1.129(b))			1801	750	2801 375 Request for Continued Examination (RCE)			1802	900	1802 900 Request for expedited examination of a design application			Other fee (specify) _____					*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)	SUBMITTED BY		(Complete if applicable)			Name (Print/Type)	Michael J. 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